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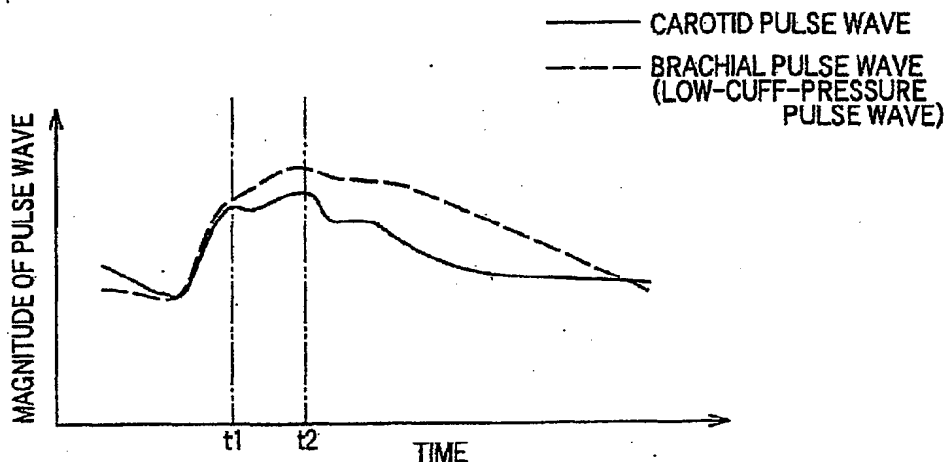
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### (54) **Augmentation-index determining apparatus and arteriosclerosis inspecting apparatus**

(57) An augmentation-index determining apparatus (10), including a cuff (12), a cuff-pressure changing device (16,18,24,50), a pulse-wave extracting device (28), means (54) for determining the times of occurrence of the peak points of the incident and reflected wave com-

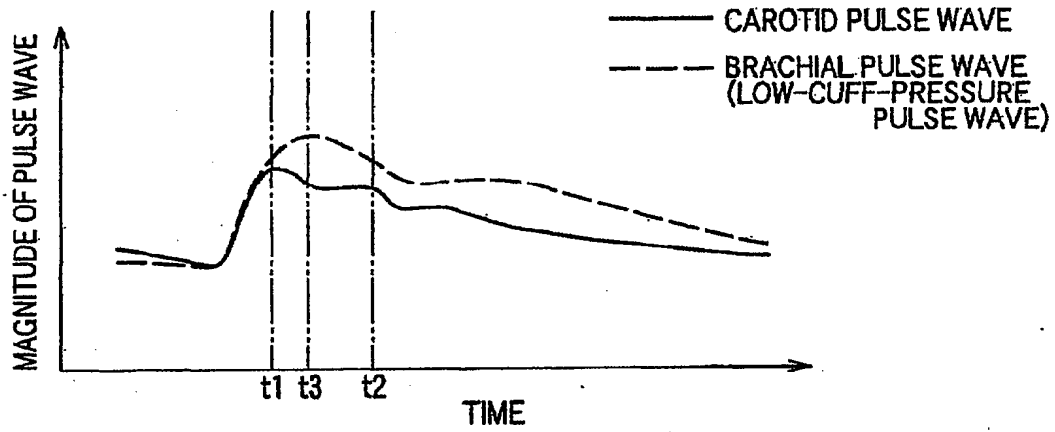
ponents during cuff-pressures higher than the systolic blood pressure, and lower than the mean blood pressure of the subject, and means (56) for determining an augmentation-index based on the magnitudes and times of occurrence of the determined peaks.

## FIG. 1A



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FIG. 1B





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# EUROPEAN SEARCH REPORT

Application Number  
EP 02 02 0450

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 10 July 2003	Examiner Edward, V
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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